

NOTES:

1. The 2014 Official Map of Wetlands and Watercourses has been prepared in accordance with Section 3. of the Wetlands Regulations and is intended to be the inventory of inland wetlands and watercourses for the Town of Bloomfield. This map indicates the approximate location of wetlands and watercourses. The precise location of wetlands and watercourses shall be determined by the actual character of the land, distribution of soil types and locations of watercourses.
2. The 2014 Official Map includes data from various sources including historic and recent Wetland Map Amendment applications. Due to the inherent inaccuracy of plotting and digitizing the location of the wetlands and watercourses on any given parcel of land is approximate only.
3. Aerial photographs from 2009 are included in the background. These images were used to revise watercourses and other data visible in the images.
4. The location of property lines and street/highway lines are approximate. Lot numbers and street addresses are based on the latest information from the Town Assessor.
5. Contours and spot elevations are from the 1995 MDC aerial photogrammetry. This elevation data is on NAVD88 datum.
6. Storm drainage system data is from the 2008 Storm Drainage System inventory with revisions based on record plans.
7. The Wetland Numbers (i.e.) refer to the 1985 Wetlands Evaluation by Inwoods Environmental Consultants.
8. The data included in this map may be made available in digital form on the Town web page (BloomfieldCT.org). The paper maps are the Official Map of Wetlands and Watercourses and in the case of any discrepancies the paper maps shall prevail.
9. The Official Map of Wetlands and Watercourses shall be updated periodically when new Map Amendments are approved by the Wetlands Commission and as more accurate information becomes available.
10. Petitions for Map Amendments shall be submitted in accordance with Section 15. of the Wetland Regulations.

Definitions from the Inland Wetlands and Watercourses Commission Regulations

“**Wetland or Wetlands**” means land, including submerged land, which consists of any of the soil types designated as **poorly drained, very poorly drained, alluvial or floodplain** by the National Cooperative Soils Survey of the Natural Resources Conservation Service of the U.S. Department of Agriculture (USDA). Wetlands may include filled, graded, or excavated land which possesses an aquatic (saturated) soil moisture regime as defined by the USDA Cooperative Soil Survey.

“**Watercourse**” means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs, and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the Town.

“**Intermittent watercourses**” means a waterway delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics:

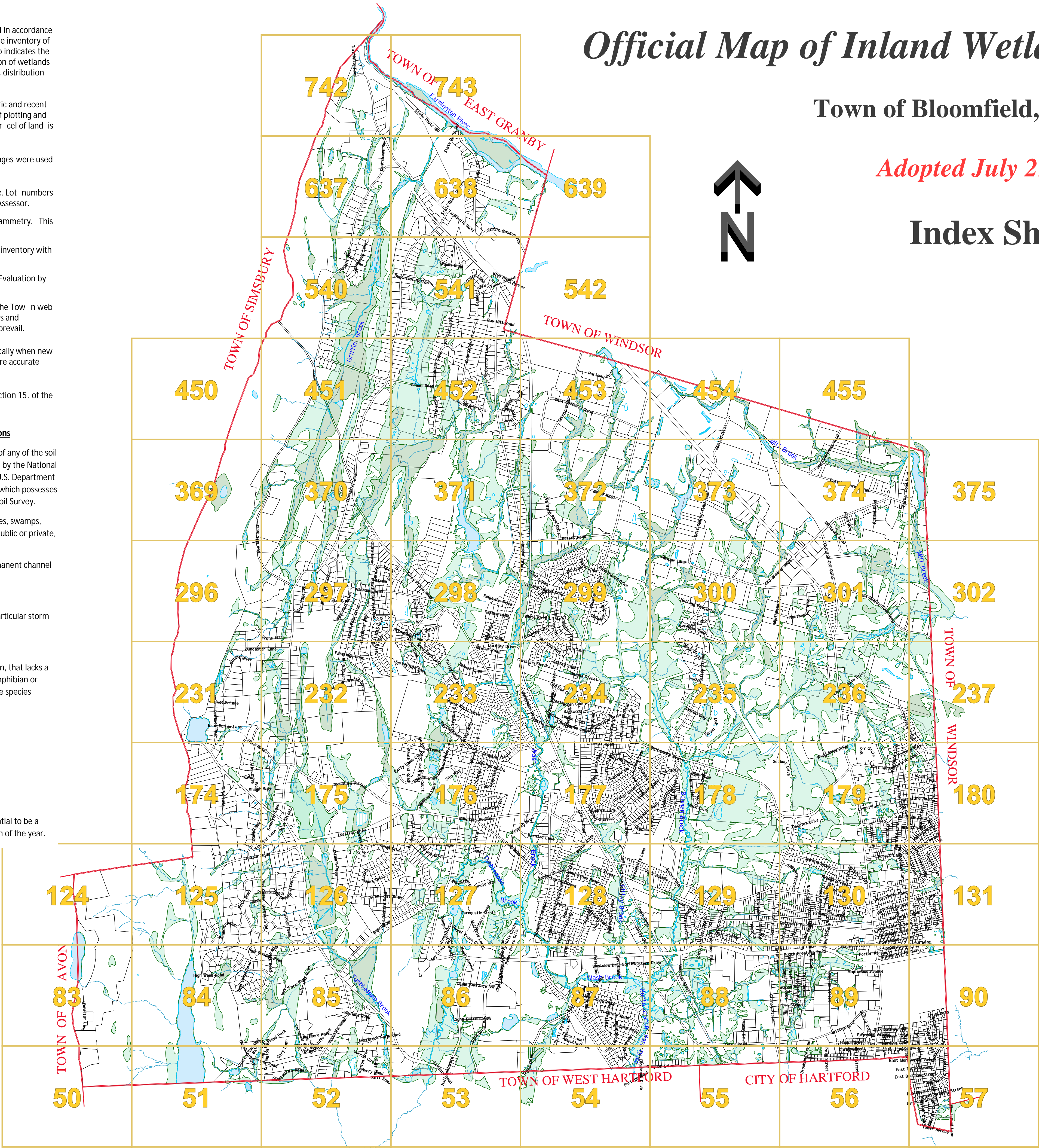
- a) evidence of scour or deposits of recent alluvium or detritus,
- b) the presence of standing or flowing water for a duration longer than a particular storm incident, and
- c) the presence of hydrophytic vegetation.

“**Vernal Pool**” means a seasonal watercourse in a contained depression, or basin, that lacks a fish population, and/or in most years supports breeding and development of amphibian or invertebrate species recognized as obligate to such watercourses. These obligate species include but are not limited to:

- a. Spotted salamander,
- b. Jefferson salamander / Blue-spotted salamander complex
- c. Marbled salamander,
- d. Wood frog,
- e. Fairy shrimp or their eggs

“**Potential Vernal Pool**” means a depressed area in the land that has the potential to be a vernal pool but cannot be positively identified as a vernal pool due to the season of the year.

Please note that Very Poorly Drained and Alluvial Soils are plotted with dark green shading and Poorly Drained Soils are plotted with light green shading. The legend on the individual sheets has these reversed.



Official Map of Inland Wetlands and Watercourses

Town of Bloomfield, Connecticut

Adopted July 21, 2014

Index Sheet

Wetland SOILs LEGEND

2014 Official Map of Inland Wetlands and Watercourses

The State of Connecticut Wetlands Act defines inland wetlands as any of the soil types designated as poorly drained (PD), very poorly drained (VPD), alluvial and floodplain. Some floodplain and alluvial soils are somewhat poorly drained or moderately well drained (MWD).

The NRCS National Cooperative Soils Survey **numbers** and **names** are in **bold font**, followed by the drainage class, soil texture description, and the Hartford County Soil Survey designations in [square brackets].

Glacial Till – Soils formed over compact glacial till (hardpan) derived from weathered sandstone, shale and basalt:

- 5 **Wilbraham** PD silt loam [Wr]
- 6 **Menlo** VPD silt loam [Mo]
- 6 **Wilbraham and Menlo** PD loams [Wt]

Sandy Glacial Outwash – Soils formed over glacial meltwater deposits of sand and gravel:

- 13 **Walpole** PD fine sandy loam [Wc and Wd]
- 15 **Scarboro** VPD loam [Se]

Glaciolacustrine – Soils formed in glaciolacustrine silts and clays (old glacial lakebed deposits):

- 9 **Shaker** PD sandy loam and PD very fine sandy loam [Sy and Sz]
- 9 **Scitico** PD silt loam [Sc]
- 9 **Maybid** VPD loam and VPD silt loam [Wo and Bf]
- 10 **Raynham** PD silt loam [Wa]
- 12 **Raypole** PD silt loam [Rb]

Floodplain – Soils formed in alluvium deposited by streams and rivers:

- 100 **Suncook** MWD loamy fine sand [St]
- 101 **Rumney** PD sandy loam [Ru]
- 102 **Pootatuck** MWD sandy loam [Po]
- 103 **Rippowam** PD sandy loam [Ru]
- 106 **Winooski** MWD silt loam [Ww]
- 107 **Limerick** PD silt loam [Lm]
- 108 **Saco** VPD sandy loam and silt loam [Sa and Sb]
- 109 **Fluvaquents** (alluvial land) recently formed alluvial soils of various textures. [Am]

Organic – Soils formed in shallow to deep organic soil deposits:

- 17 **Timakwa** VPD muck, shallow [Pm]
- 18 **Catden** VPD muck, deep [Pk]

Disturbed Wetland – Soils which have had two or more feet of their original soil surface disturbed through filling, excavation or grading; have a wetland hydrologic regime; and are capable of supporting wetland vegetation:

- 308w **Aquents** [Aq] **Made land Wet** [Ma “w”]

NRCS Hartford County wetland soils not mapped in Bloomfield include: **104 Bash** [Bs], and **105 Hadley** [Ha].

Former SCS Hartford County Soil Survey wetland soils that have been reclassified:

- Swanton [Sy & Sz] = **9 Shaker** PD Whatley [Wo] = **9 Maybid** VPD
- Wallington [Wa] = **10 Raynham** PD Scantic [Sc] = **9 Scitico** PD
- Biddeford [Bf] = **9 Maybid** VPD Poduck [Po] = **102 Pootatuck** MWD

Adrian/Palms muck [Pm] = **17 Timakwa** VPD muck, shallow

Carlisle muck [Pk] = **18 Catden** VPD muck, deep